



South Carolina Department of Health  
and Environmental Control

Bureau of Land & Waste  
Management  
State Remediation Section

August 15, 2006

**SCE & G Savage Road Crew  
Quarters Site**  
900 Savage Road, Charleston, SC

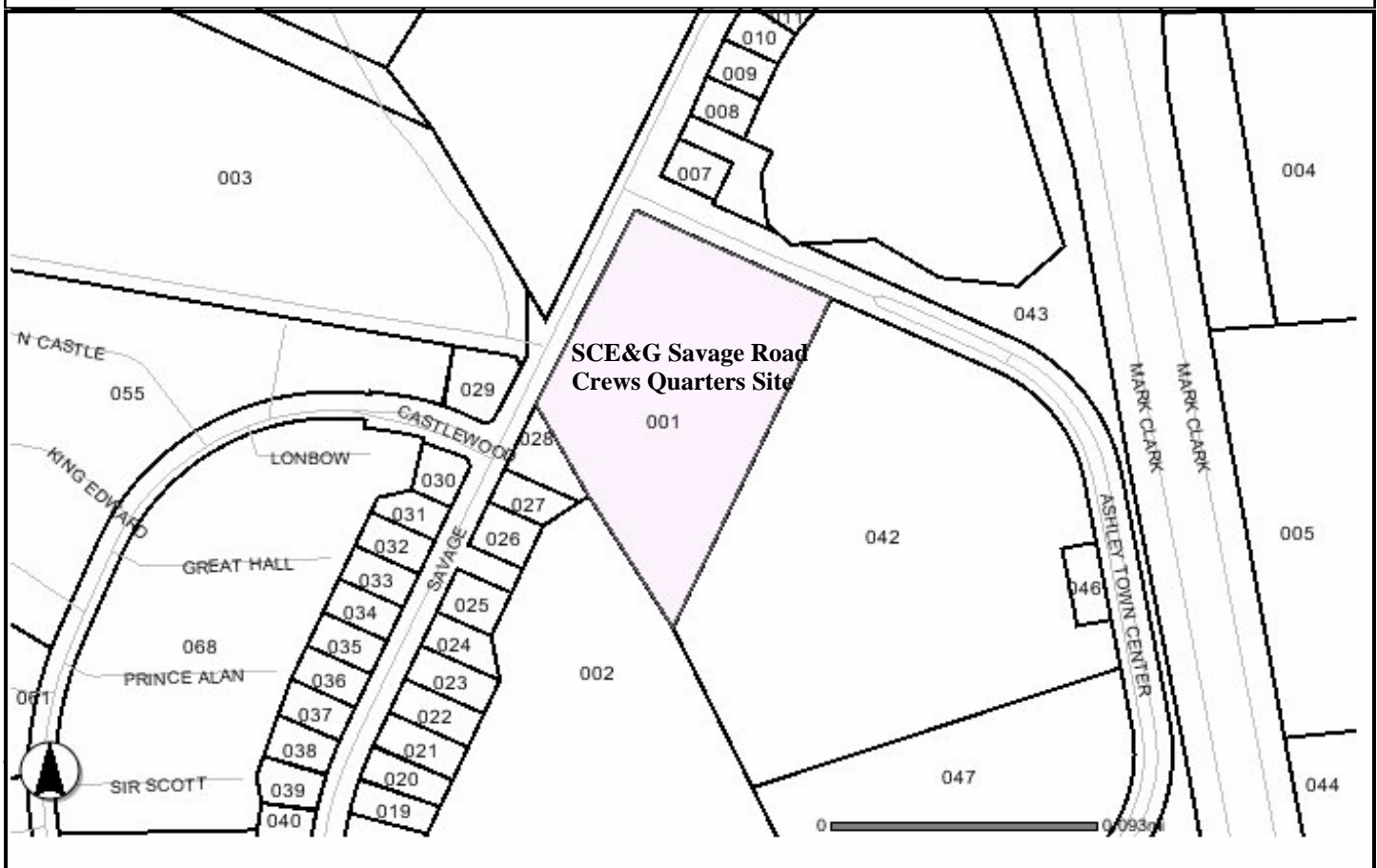
**Notice of Removal Activities  
& Availability of  
Administrative Record**

**SCDHEC Activities**

The South Carolina Department of Health and Environmental Control (the "Department" or "DHEC") recently completed a removal site evaluation of the South Carolina Electric & Gas Company's Savage Road Crew Quarters facility (the "Site") at 900 Savage Road in Charleston, SC. Sampling data indicates that the soils are impacted by Aroclor (Polychlorinated Biphenyl, also known as PCB) contamination caused by the facility operators' past activities. The Department has determined that the removal of contaminated soil is appropriate. This action is intended to protect human health and the environment in and around the Site.

**The Week of August 21, 2006**

This Notice is to notify residents in the immediate area of the Site that large trucks will be used to haul contaminated soils from the Site to a proper disposal facility. It is anticipated that the removal activities will begin on or around August 21 and will be completed by September 30, 2006.



**DHEC-BL&WM**  
2600 Bull Street  
Columbia, SC 29206

**DHEC's Site  
Contact Persons:**

**Lucas Berresford**

Lead Project Manager  
State Remediation Section  
803-896-4071

- can respond to questions regarding historical operations and technical questions regarding the Site

**R. Gary Stewart**

Section Manager  
State Remediation  
803-896-4054

**Eric Cathcart**

Superfund Hydrogeologist  
803-896-4045

**Harriet Gilkerson**

Section Manager  
Superfund Hydrogeology  
803-896-4040

**Pat Vincent**

Community Information Coordinator  
803-896-4074

- Can assist with any special needs of the public

**SCE&G's  
Voluntary Cleanup  
Contract**

In 1998, SCE&G entered into a Voluntary Cleanup Contract #98-5331-RP, which required SCE&G to assess the nature and extent of contamination and to remove its buried capacitors.

In 2006, SCE&G signed an addendum to the contract to require SCE&G to remove contaminated soil.

**Notice of the Availability of  
The Administrative Record  
At The Charleston County Public Library  
West Ashley Branch**

The Department announces that the Administrative Record for the Site is available for public review. The Administrative Record includes documents that form the basis for the selection of the response/cleanup actions. The Administrative Record includes, but is not limited to, sampling data and the Removal Action Memorandum, which documents the removal decision. The Site's Administrative Record is housed at two locations:

1. The West Ashley Branch of the Charleston County Public Library at 42 Windermire Boulevard in Charleston on or around August 21. The West Ashley Branch Library is open Monday through Thursday from 10:00 am to 8:00 pm, and on Friday and Saturday from 10:00 am to 6:00 pm., and
2. DHEC's Bureau of Land and Waste Management office at 8911 Farrow Road, Columbia, South Carolina. The Administrative Record is available by appointment only.

All interested persons are encouraged to review the Administrative Record located in Columbia or at the West Ashley Branch Library. After the renovations of the St. Andrews Branch Library are completed, the Administrative Record may be moved to St. Andrews.

The Department requires a written Freedom of Information ("FOI") Request in order for persons to obtain an appointment to view the Site File housed in Columbia. One may use the FOI request form on the Department's website at [www.scdhec.gov/administration/foi/index.htm](http://www.scdhec.gov/administration/foi/index.htm) and click on "Request Form (pdf)", or one may send a letter, like the example below:

*[Insert Your Full Name ]*

*[Insert Your Full Address]*

*[Insert Your City, State, Zip Code]*

*[Insert Your Telephone Number ]*

*Mr. Jody Hamm, FOI Officer*

*SCDHEC's Freedom of Information Office*

*2600 Bull Street*

*Columbia, SC 29201*

*Pursuant to the Freedom of Information Act (FOI), I would like to review and/or copy SCDHEC Bureau of Land & Waste Management's Site File #56274 for the SCE&G Savage Road Crew Quarters Site. Please contact me at [Your Phone Number] to schedule an appointment.*

*Sincerely,*

## SITE LOCATION AND CONDITIONS

The SCE&G Savage Road Crew Quarters Site is located on approximately five acres at the intersection of Savage Road and Ashley Town Center Road in Charleston, SC. The Site has two buildings—one is the crew quarters and the other is a warehouse. SCE&G uses the Site to store transformers, capacitors, power poles, cable, conduit and other equipment. A power substation also occupies a portion of the Site near Savage Road.

Approximately 25 years ago, SCE&G employees disposed of several electrical capacitors in the rear portion of the property. Previous investigations indicated that surface and subsurface soil have been contaminated by PCB oil from buried capacitors at unacceptable concentration levels for industrial soils.

## PREVIOUS INVESTIGATIONS

- In September 1999, SCE&G located buried capacitors. These capacitors were excavated in March 2000 and removed along with 10 drums of contaminated soil.
- To determine the extent of contamination, unsaturated soil samples were collected from 2.5 to 6 feet below land surface. PCB was detected in 20 of 56 samples at concentrations above regulatory standard of 1ppm.
- Three temporary monitoring wells were installed in the disposal area. Groundwater concentrations ranged from 0.69 to 125 ppb.
- In early 2001, three shallow permanent monitoring wells were installed. PCB was detected at 16.1 ppb in the source areas. Six additional soil samples were collected from offsite. None of these soil samples tested above groundwater standards for PCBs. Also, five temporary wells were installed downgradient of the source area. PCBs above 0.5 ppb were detected in all samples.
- In May 2001, eight additional temporary wells were installed downgradient of the source area. Only the well nearest the source area exceeded 0.5 ppb for PCBs.
- In August 2004, SCE&G installed five additional temporary wells. Only one temporary well exceeded the MCL with a concentration of 3.3ppb. The concentration near the source remained consistent at 36.7 ppb for PCBs.

Upon completion of the investigation, a total of 75 soil samples had been collected, 28 temporary wells, and four permanent wells had been installed. The groundwater plume is estimated to be 30 feet wide x 60 feet long.

## REMOVAL AREAS

Based on the soil sampling results, only two areas have detections of PCB contaminants above acceptable industrial soil standards:

- Area 1, located on the SCE&G property, consists of a 25 x 35 feet area along the fence line.
- Area 2, located on the Rice Property adjacent to the SCE&G parcel, consists of an area approximately 27 x 53 feet wide and 24 x 44 feet long.

The soils from Areas 1 and 2 will be excavated to a depth of approximately ten feet and will be removed during the week of August 21, 2006. Soil samples will be collected at the bottom and sides of the excavated areas to confirm the removal of all contaminated soils. All soils will be disposed at an offsite facility that is permitted to accept these wastes.

## **WHY IS THE REMOVAL OF SOIL NECESSARY?**

The Department has determined that a release of hazardous substances has occurred at the Site and may present a danger to the public's health and welfare or to the environment.

Problem #1: Due to contamination in the surface and subsurface soil, there is a direct threat of human exposure by either direct contact, inhalation and/or ingestion by persons working on the property.

Problem #2: PCB contamination from the capacitors has leaked into the subsurface soil allowing for contamination to migrate into groundwater.

Problem #3: Groundwater sampling results revealed elevated concentrations of PCBs in the groundwater near the former disposal area extending to small area of the Rice Property.

The removal of the surface and subsurface soil will protect public health and the environment and is necessary to reduce the elevated concentrations and/or to stop the release of hazardous substances from the Site.

## **STILL HAVE QUESTIONS ABOUT THE SITE?**

If you have any questions regarding the information contained in this Notice or if you feel any of the information provided is not clear, please contact Lucas Berresford, the Lead Project Manager, at 803-896-4071, Eric Cathcart, the Superfund Hydrogeologist at 803-896-4045, or Pat Vincent, the Site's Community Information Coordinator, at 803-896-4074. You may address correspondence to both Mr. Berresford and Ms. Vincent at SCDHEC-BL&WM-SAR, 2600 Bull Street, Columbia, SC 29201. It is the Department's hope that the public be able to understand and be aware of what is occurring in their community.

## **THE SITE'S MAILING LIST**

If you have received this Notice via US Mail, the addressee is on the Department's State Remediation Section's mailing list for any future mailouts regarding the Site. If you would like to be removed from the list or if you would like to be added to the Site's mailing list, please contact Pat Vincent at 803-896-4074 or by email at [vincenpl@dhec.sc.gov](mailto:vincenpl@dhec.sc.gov)

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